

RECEIVED  
CENTRAL FAX CENTER  
NOV 03 2005

**FAX TRANSMISSION****DATE:** November 3, 2005**PTO IDENTIFIER:** Application Number 10/672,271-Conf. #8808  
Patent Number**Inventor:** Ralph W Bruce et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8800**FROM:** US NAVAL RESEARCH LABORATORY

Sally A. Ferrett

**PHONE:** (202) 404-1551**Attorney Dkt. #:** 83977US2

RECEIVED  
OIPE/IAP

NOV 04 2005

**PAGES (Including Cover Sheet):** 17

**CONTENTS:** Fee Transmittal (1 page)  
One Month Request for Extension of Time Under 37 CFR 1.136(a) (2 pages)  
Amendment After Final Office Action( 11 pages)  
Amendment Transmittal (1 page)  
Charge \$120.00 to deposit account 50-0281  
Certificate of Transmission (1 page)

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (202) 404-1551 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

US NAVAL RESEARCH LABORATORY  
4555 Overlook Ave, SW, Washington, DC 20375  
Telephone: (202) 767-3427 Facsimile: (202) 404-7380

RECEIVED  
CENTRAL FAX CENTER

NOV 03 2005

RPOISBPA(12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b> Application Number 10/672,271-Conf. #8808 Filing Date September 26, 2003 First Named Inventor Ralph W Bruce Examiner Name M. C. Mayes Art Unit 1734 Attorney Docket No. 83977US2	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
TOTAL AMOUNT OF PAYMENT	(\$)	120.00	

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 50-0281 Deposit Account Name: US Naval Research Laboratory

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☐ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
36	- 37 =	x	=	Fee (\$)

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
4	- 4 =	x	=

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/50	(round up to a whole number) x	=	

**4. OTHER FEE(S)**

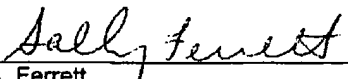
Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1251 Extension for response within first month

Fees Paid (\$)

120.00

<b>SUBMITTED BY</b>			
Signature	<i>Sally A. Ferrett</i>	Registration No. (Attorney/Agent)	46,325
Name (Print/Type)	Sally A. Ferrett	Telephone	(202) 404-1551
		Date	November 3, 2005

<b>AMENDMENT TRANSMITTAL LETTER</b>			Docket No. 83977US2		
Application No. 10/672,271-Conf. #8808	Filing Date September 26, 2003	Examiner M. C. Mayes	Art Unit 1734		
Applicant(s): Ralph W Bruce et al.					
Invention: Microwave assisted reactive brazing of ceramic materials					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
<b>Total Claims</b>	36	- 37 =		x	
<b>Independent Claims</b>	4	- 4 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within first month					120.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					120.00
<input checked="" type="checkbox"/> Large Entity <span style="margin-left: 200px;"><input type="checkbox"/> Small Entity</span>					
<input type="checkbox"/> No additional fee is required for this amendment.					
<input checked="" type="checkbox"/> Please charge Deposit Account No. <u>50-0281</u> in the amount of \$ <u>120.00</u> . A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>50-0281</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Sally A. Ferrett Attorney Reg. No.: 46,325			Dated: <u>November 3, 2005</u>		
US NAVAL RESEARCH LABORATORY 4555 Overlook Ave, SW Washington, DC 20375 (202) 404-1551					

PTO/SB/97 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

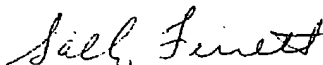
Application No. (if known): 10/672,271

Attorney Docket No.: 83977US2

## Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office.

on November 3, 2005  
Date



Signature

Sally A. Ferrett

Typed or printed name of person signing Certificate

46,325

Registration Number, if applicable

(202) 404-1551

Telephone Number

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

Fee Transmittal (1 page)

One Month Request for Extension of Time Under 37 CFR 1.136(a) (2 pages)

Amendment After Final Office Action (11 pages)

Amendment Transmittal (1 page)

Charge \$120.00 to deposit account 50-0281